

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/774,242B  
Source: IFW16  
Date Processed by STIC: 8/24/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 08/24/2006

PATENT APPLICATION: US/10/774,242B

TIME: 13:57:38

Input Set : A:\5820.646 Sequence Listing.ST25.txt

Output Set: N:\CRF4\08232006\J774242B.raw

```

3 <110> APPLICANT: McKee, Patrick A
4      Lee, Kyung N.
5      Jackson, Kenneth W.
6      Christiansen, Victoria J.
8 <120> TITLE OF INVENTION: ANTIPLASMIN CLEAVING ENZYME
10 <130> FILE REFERENCE: 5820.646
12 <140> CURRENT APPLICATION NUMBER: 10/774,242B
13 <141> CURRENT FILING DATE: 2004-02-06
15 <150> PRIOR APPLICATION NUMBER: 60/445,774
16 <151> PRIOR FILING DATE: 2003-02-07
18 <160> NUMBER OF SEQ ID NOS: 20
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 15
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Ile Val Leu Arg Pro Ser Arg Val His Asn Ser Glu Glu Asn Thr
30 1          5          10          15
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 12
35 <212> TYPE: PRT
36 <213> ORGANISM: Homo sapiens - Human alpha2-antiplasmin
38 <400> SEQUENCE: 2
40 Met Glu Pro Leu Gly Arg Gln Leu Thr Ser Gly Pro
41 1          5          10
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 12
46 <212> TYPE: PRT
47 <213> ORGANISM: Homo sapiens - Human alpha2-antiplasmin
49 <400> SEQUENCE: 3
51 Asn Gln Glu Gln Val Ser Pro Leu Thr Leu Leu Lys
52 1          5          10
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 10
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 4
62 Tyr Ala Leu Trp Trp Ser Pro Asn Gly Lys
63 1          5          10
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 8
68 <212> TYPE: PRT

```

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```

69 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 5
73 Thr Ile Asn Ile Pro Tyr Pro Lys
74 1 5
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 13
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 6
84 Ile Leu Glu Glu Asn Lys Glu Leu Glu Asn Ala Leu Lys
85 1 5 10
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 10
90 <212> TYPE: PRT
91 <213> ORGANISM: Homo sapiens
93 <400> SEQUENCE: 7
95 Asn Ile Gln Leu Pro Lys Glu Glu Ile Lys
96 1 5 10
99 <210> SEQ ID NO: 8
100 <211> LENGTH: 9
101 <212> TYPE: PRT
102 <213> ORGANISM: Homo sapiens
104 <400> SEQUENCE: 8
106 Met Ile Leu Pro Pro Gln Phe Asp Arg
107 1 5
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 12
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Artificially synthesized.
118 <220> FEATURE:
119 <221> NAME/KEY: MISC_FEATURE
120 <222> LOCATION: (2)..(2)
121 <223> OTHER INFORMATION: xaa at position 2 is lysine-DABCYL
124 <220> FEATURE:
125 <221> NAME/KEY: MISC_FEATURE
126 <222> LOCATION: (11)..(11)
127 <223> OTHER INFORMATION: xaa at position 11 is glutamine-EDANS
130 <400> SEQUENCE: 9
W--> 132 Arg Xaa Thr Ser Gly Pro Asn Gln Glu Gln Xaa Arg
133 1 5 10
136 <210> SEQ ID NO: 10
137 <211> LENGTH: 22
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Artificially synthesized.
144 <400> SEQUENCE: 10

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145 gacctcctat cctcatccct tt                22
148 <210> SEQ ID NO: 11
149 <211> LENGTH: 21
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Artificially synthesized.
156 <400> SEQUENCE: 11
157 ctggttcggc ccgctagtta g                21
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 20
162 <212> TYPE: PRT
163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 12
167 Met Glu Pro Leu Gly Arg Gln Leu Thr Ser Gly Pro Asn Gln Glu Gln
168 1          5          10          15
171 Val Ser Pro Leu
172          20
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 20
177 <212> TYPE: PRT
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 13
182 Asn Gln Glu Gln Val Ser Pro Leu Thr Leu Leu Lys Leu Gly Asn Gln
183 1          5          10          15
186 Glu Pro Gly Gly
187          20
190 <210> SEQ ID NO: 14
191 <211> LENGTH: 19
192 <212> TYPE: PRT
193 <213> ORGANISM: Pan troglodytes
195 <400> SEQUENCE: 14
197 Met Glu Pro Leu Gly Arg Gln Leu Thr Ser Gly Pro Asn Gln Glu Gln
198 1          5          10          15
201 Val Ser Pro
205 <210> SEQ ID NO: 15
206 <211> LENGTH: 19
207 <212> TYPE: PRT
208 <213> ORGANISM: Pan troglodytes
210 <400> SEQUENCE: 15
212 Asn Gln Glu Gln Val Ser Pro Leu Thr Leu Leu Lys Leu Gly Asn Gln
213 1          5          10          15
216 Glu Pro Gly
220 <210> SEQ ID NO: 16
221 <211> LENGTH: 20
222 <212> TYPE: PRT
223 <213> ORGANISM: Baboon
225 <400> SEQUENCE: 16
227 Met Glu Pro Leu Gly Trp Gln Leu Thr Ser Gly Pro Asn Gln Glu Arg

```

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```

228 1                      5                      10                      15
231 Val Pro Pro Leu
232                      20
235 <210> SEQ ID NO: 17
236 <211> LENGTH: 20
237 <212> TYPE: PRT
238 <213> ORGANISM: Baboon
240 <400> SEQUENCE: 17
242 Asn Gln Glu Arg Val Pro Pro Leu Thr Leu Leu Lys Leu Gly Asn Gln
243 1                      5                      10                      15
246 Glu Pro Gly Gly
247                      20
250 <210> SEQ ID NO: 18
251 <211> LENGTH: 20
252 <212> TYPE: PRT
253 <213> ORGANISM: Bos taurus
255 <400> SEQUENCE: 18
257 Phe Ser Pro Val Ser Thr Met Glu Pro Leu Asp Leu Gln Leu Met Asp
258 1                      5                      10                      15
261 Gly Gln Ala Gln
262                      20
265 <210> SEQ ID NO: 19
266 <211> LENGTH: 20
267 <212> TYPE: PRT
268 <213> ORGANISM: Mus musculus
270 <400> SEQUENCE: 19
272 Val Asp Leu Pro Gly Gln Gln Pro Val Ser Glu Gln Ala Gln Gln Lys
273 1                      5                      10                      15
276 Leu Pro Leu Pro
277                      20
280 <210> SEQ ID NO: 20
281 <211> LENGTH: 11
282 <212> TYPE: PRT
283 <213> ORGANISM: Ostrich
285 <400> SEQUENCE: 20
287 Leu Gln Val Asp Tyr Leu Val Leu Glu Val Ala
288 1                      5                      10

```

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/24/2006  
PATENT APPLICATION: US/10/774,242B      TIME: 13:57:39

Input Set : A:\5820.646 Sequence Listing.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 2,11

**VERIFICATION SUMMARY**

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Input Set : A:\5820.646 Sequence Listing.ST25.txt

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L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0